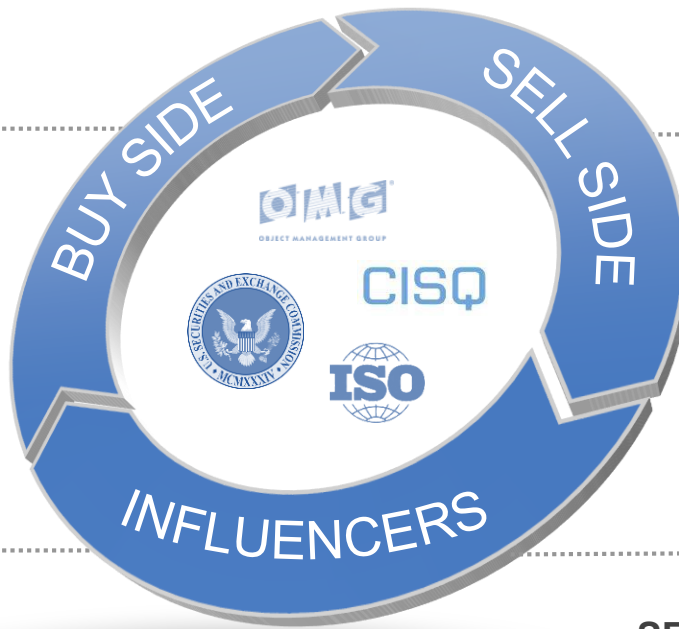


Leadership in Software Analytics & Risk Prevention



CAST and its ecosystem

250+ ENTERPRISE CUSTOMERS
COUNT ON CAST



GLOBAL SI'S ADM DELIVERY
RELY ON CAST



CONSULTING FIRMS
RECOMMEND CAST



GLOBAL SI'S PROVIDE
SERVICES POWERED BY CAST



GLOBAL PRESENCE

USA, UK, India, Italy, Spain,
France, Belgium, and Germany

MAKING THE INVISIBLE VISIBLE

LONG-TERM, RELIABLE, SELF-SUSTAINING VENTURE

NYSE Euronext Paris CAS FR72894

CAST | Analytics for High-Performing Executives



COMMUNICATE

across and up the organization to establish reputation as a business partner



DECIDE

based on facts and insight into portfolio and critical applications



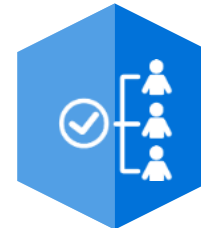
PROTECT

business from crippling software risks, outages and data integrity issues



IMPROVE

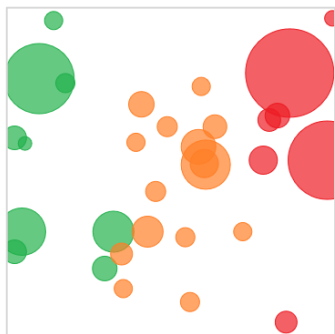
development quality and velocity to drive efficiency & transformation



CONTROL

ADM outsourcing quality and cost to get best value

CAST Analytics



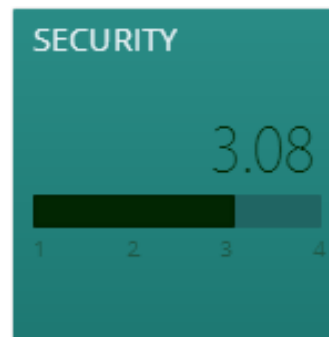
Portfolio-level risk and saving opportunities



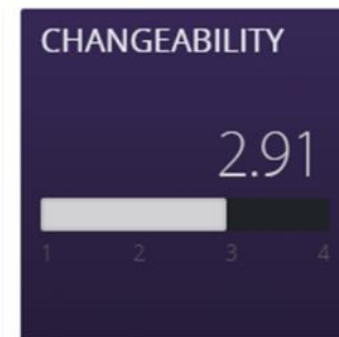
Likelihood of outage, data integrity or reliability issues



Resource consumption, scalability and performance issues



Security issues and high likelihood of breaches



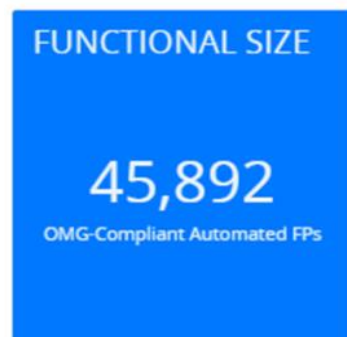
Adaptability to changing regulations and business needs



Ramp up difficulties for newcomers



Standardized units of ADM work with consistent technical and functional sizing for productivity measurement



Cost to restore applications back to healthy state

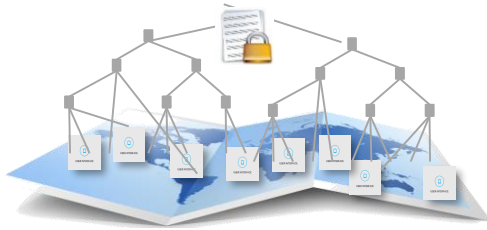


Hard-to-find structural flaws that may lead to software catastrophes

How it works

HIGHLIGHT: Software Risk & Cost Saving Opportunities Across Application Portfolio:

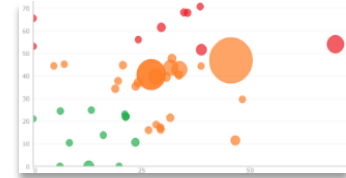
1. Distributed & Light-Speed Code Analysis
Production & Maintainability risks capture



2. Encrypted Results
Private & secure cloud



3. Top-down Insight
Across portfolio, teams, vendors and time

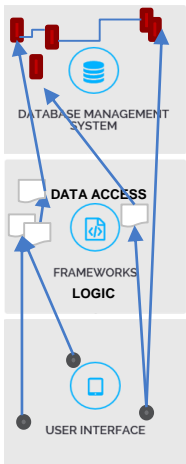


<http://www.casthighlight.com>

APPLICATION INTELLIGENCE PLATFORM: Deep Insight into Critical Applications:

1. System-Level* Analysis

Source code, transactions, data structure



2. Best practices & industry Standards Checks

Architectural integrity and critical violations

 Software Engineering Institute

 **OMG**
WE SET THE STANDARD

 **CISQ**

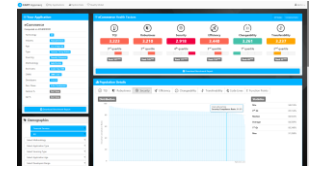
 **CWE**
COMPATIBLE



3. Accurate Analytics & Benchmarks



APP ANALYTICS DASHBOARD
Business relevant Analytics



APPMARQ
Benchmarking Database



APP ENGINEERING DASHBOARD
Critical Structural Flaws, Action Plans and eLearning

* "Architectural software flaws lead to 90% of the production issues." - Dr. R. Soley, OMG/ PhD MIT

Demo

Application Benchmarking with CAST Appmarq

2,037
applications

2B
lines of code

1K+
quality rules

300+
organizations

13
industries



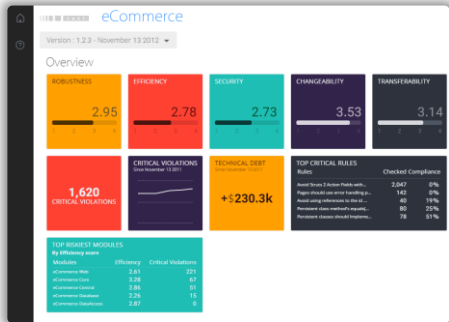
The biggest and most accurate
repository on “real-life”
Software Quality Measurement

CAST Appmarq Value



Your Application

- Health Factor Scores
- Violations
- Metrics



How does its quality stand compared to similar applications?

- Industry
- Technology
- Sourcing Type
- Application Type
- Development Methodology
- ...



2,013 applications

2B lines of code

1K+ quality rules

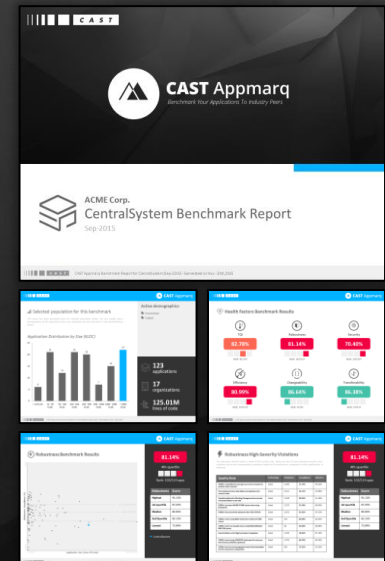
300+ organizations

13 industries



The biggest and most accurate repository on "real-life" Software Quality Measurement

Outputs



Quality

Sizing

Some Use Cases

Avoid Over-Quality

Tech. Due Diligence

Team Awareness

Remediation Prioritization

IT Facts on Competitors

CRASH Reports on Financial Services



430 applications
241 MLOC
53 organizations

More info and reports at
castsoftware.com

Global Findings

Security globally gets more attention than other quality characteristics: 40% of the application sample get relatively high scores for complying with secure programming practices.

Banking Types

Consumer Finance applications generally get better scores than Investment Banking applications for all health factors except Changeability.

Geographies

Organizations from the United Kingdom deliver applications at the highest risk. Continental Europe generally records the best scores for this health factor, with a remarkable gap with the United Kingdom and the US.

CRASH Reports on Financial Services



430 applications
241 MLOC
53 organizations

More info and reports at
castsoftware.com

Sourcing Types

Outsourced development generally means higher quality for an application, especially for Security, Transferability, and Robustness.

Development Methodologies

Implementing Agile for voluminous applications may cause more security defects than other development methodologies: Waterfall leads with the most secure applications on average.

Technologies

The quality of JEE-based applications is the most stable and predictable: COBOL applications are generally more secure than other technologies.

Client Stories



“CAST shows us why to invest in one area versus an other, something the business folks can see and better appreciate.”

- F. VERON, SVP, HEAD OF APPLICATION DEVELOPMENT. FANNIE MAE



“To drive behavior and make the right tradeoffs between speed, business risk and technical debt.”

- THADDEUS ARROYO, CIO. AT&T



“CAST makes supplier relationships transparent.”

- LESTER THOMAS, HEAD OF SYSTEM ARCHITECTURE. VODAFONE



“CAST generates 20% productivity gains from rework.”

- THIERRY DAUMAS, HEAD OF INDUSTRIALIZATION. CAPGEMINI



“CAST could have prevented it.”

- STEPHEN SEPULVEDA, VP, APPLICATION PERFORMANCE & PROCESS MANAGEMENT. BANK OF NY MELLON